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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/486,066	06/07/1995	DEAN ENGELHARDT	ENZ(D5)(C2)	6275
28171	7590	02/01/2006	EXAMINER	
ENZO BIOCHEM, INC. 527 MADISON AVENUE (9TH FLOOR) NEW YORK, NY 10022			ART UNIT	PAPER NUMBER

DATE MAILED: 02/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Communication Re: Appeal</b>	Application No.	Applicant(s)	
	08/486,066	ENGELHARDT ET AL.	
	Examiner	Art Unit	
	John S. Brusca	1631	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1.  The Notice of Appeal filed on \_\_\_\_\_ is not acceptable because:
  - (a)  it was not timely filed.
  - (b)  the statutory fee for filing the appeal was not submitted. See 37 CFR 41.20(b)(1).
  - (c)  the appeal fee received on \_\_\_\_\_ was not timely filed.
  - (d)  the submitted fee of \$\_\_\_\_\_ is insufficient. The appeal fee required by 37 CFR 41.20(b)(1) is \$\_\_\_\_\_.
  - (e)  the appeal is not in compliance with 37 CFR 41.31(a)(1) in that no claim has been twice rejected.
  - (f)  a Notice of Allowability, PTO-37, was mailed by the Office on \_\_\_\_\_.
  
2.  The appeal brief filed on \_\_\_\_\_ is NOT acceptable for the reason(s) indicated below:
  - (a)  the brief and/or brief fee is untimely. See 37 CFR 41.37(a).
  - (b)  the statutory fee for filing the brief has not been submitted. See 37 CFR 41.20(b)(2).
  - (c)  the submitted brief fee of \$\_\_\_\_\_ is insufficient. The brief fee required by 37 CFR 41.20(b)(2) is \$\_\_\_\_\_.

The appeal in this application will be dismissed unless corrective action is taken to timely submit the brief and requisite fee. See 37 CFR 41.37(a)(1). Extensions of time may be obtained under 37 CFR 1.136(a). See 37 CFR 41.37(e).
  
3.  The appeal in this application is DISMISSED because:
  - (a)  the statutory fee for filing the brief as required under 37 CFR 41.20(b)(2) was not timely submitted and the period for obtaining an extension of time to file the brief under 37 CFR 1.136(a) has expired.
  - (b)  the brief was not timely filed and the period for obtaining an extension of time to file the brief under 37 CFR 1.136(a) has expired.
  - (c)  a Request for Continued Examination (RCE) under 37 CFR 1.114 was filed on \_\_\_\_\_.
  - (d)  other: \_\_\_\_\_.
  
4.  Because of the dismissal of the appeal, this application:
  - (a)  is abandoned because there are no allowed claims.
  - (b)  is before the examiner for final disposition because it contains allowed claims. Prosecution on the merits remains CLOSED.
  - (c)  is before the examiner for consideration.

## **DETAILED ACTION**

1. In view of applicant's failure to file a brief within the time prescribed by 37 CFR 41.37(a)(1), the appeal stands dismissed and the proceedings as to the rejected claims are considered terminated. See 37 CFR 1.197(b).

This application will be passed to issue on allowed claims 272, 274-297, 299-305, 307 provided the following formal matters are corrected. Prosecution is otherwise closed.

2. See MPEP 1215.04 recited below:

### 1215.04 [R-3] Dismissal of Appeal

If no brief is filed within the time prescribed by 37 CFR \*>41.37<, the appeal stands dismissed by operation of the rule. Form PTOL-461 \*\* or form paragraph \*>12.117< notifying the appellant that the appeal stands dismissed is not an action in the case and does not start any period for reply. If no claims stand allowed, an application is considered as abandoned on the date the brief was due. If claims stand allowed in an application, the failure to file a brief and consequent dismissal of the appeal is to be treated as a withdrawal of the appeal and of any claim not standing allowed. The application should be passed to issue forthwith. Unless appellant specifically withdraws the appeal as to rejected claims, the appeal should not be dismissed until the extended period (5 months >of extension are available< under 37 CFR 1.136(a)) to file the brief has expired.

Applications having no allowed claims will be abandoned. Claims which are allowable except for their dependency from rejected claims will be treated as if they were rejected. The following examples illustrate the appropriate approach to be taken by the examiner in various situations:

- (A) Claim 1 is allowed; claims 2 and 3 are rejected. The examiner should cancel claims 2 and 3 and issue the application with claim 1 only.
- (B) Claims 1 - 3 are rejected. The examiner should hold the application abandoned.
- (C) Claim 1 is rejected and claim 2 is objected to as being allowable except for its dependency from claim 1. The examiner should hold the application abandoned.

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(D) Claim 1 is rejected and claim 2 is objected to as being allowable except for its dependency from claim 1; independent claim 3 is allowed. The examiner should cancel claims 1 and 2 and issue the application with claim 3 only.

However, if formal matters remain to be attended to, the examiner should take appropriate action on such matters, setting a shortened period for reply, but the application or reexamination proceeding is to be considered closed to further prosecution except as to such matters. Form paragraph \*> 12.109.01< may be used for this purpose. An appeal will also be dismissed if an applicant fails to timely and fully reply to a notice of noncompliance with 37 CFR \*>41.37(d)<. See MPEP § \*>1205.03< and 37 CFR \*>41.37(d)<. As in examples (B)-(C) above, if no allowed claims remain in an application, the application is abandoned as of the date the reply to the notice was due. The applicant may petition to revive the application as in other cases of abandonment, and to reinstate the appeal. If the appeal is dismissed, but allowed claims remain in the application, as in examples (A) and (D) above, the application is not abandoned; to reinstate the claims cancelled by the examiner because of the dismissal, the applicant must petition to reinstate the claims and the appeal, but a showing equivalent to a petition to revive under 37 CFR 1.137 is required. In either event, a proper reply to the notice of noncompliance must be filed before the petition will be considered on its merits.

### ***Claim Objections***

3. Claim 238 is objected to because of the following informalities: In line 8 of the claim as amended in the amendment filed 20 November 1998 the term “p sition” appears and should be replaced by “position.”

Appropriate correction is required.

In response to this Office action the applicants must provide a new list of all claims in compliance with 37 CFR 1.121. The new claim listing should indicate that claims 238, 240-271, 306, 308, and 310-338 have been cancelled.

A review of the application file shows that claims 306 and 314-335 are not present. The applicants are requested to provide a copy of the most recent amendments that

include missing claims 306 and 314-335 so that the application file may be complete. The applicants are reminded that the amendment submitted after final rejection on 28 March 2000 has not been entered.

4. Rejected or objected to claims 238, 240-271, 306, 308, and 310-338 have been cancelled.

***Information Disclosure Statement***

5. A copy of the signed PTO Form 1449 associated with the information disclosure statement filed 28 March 2000 does not appear in the application file. The signed form was attached to the advisory action mailed 17 April 2000. The applicants are requested to provide a copy of the signed PTO Form 1449 to complete the application file in response to this Office action.

***Priority***

6. Applicant's claim for the benefit of a prior-filed application under 35 U.S.C. 119(e) or under 35 U.S.C. 120, 121, or 365(c) is acknowledged. Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. [1] as follows:

This application is claiming the benefit of prior-filed nonprovisional application No. 06/391440 under 35 U.S.C. 120, 121, or 365(c). Copending between the current application and the prior application is required. Since the applications are not copending, the benefit claim to the prior-filed nonprovisional application is improper. The applicants may wish to claim priority to intervening Application No. 06/674352 to establish copendency.

*Specification***7. Content of Specification**

- (a) Title of the Invention: See 37 CFR 1.72(a) and MPEP § 606. The title of the invention should be placed at the top of the first page of the specification unless the title is provided in an application data sheet. The title of the invention should be brief but technically accurate and descriptive, preferably from two to seven words may not contain more than 500 characters.
- (b) Cross-References to Related Applications: See 37 CFR 1.78 and MPEP § 201.11.
- (c) Statement Regarding Federally Sponsored Research and Development: See MPEP § 310.
- (d) The Names Of The Parties To A Joint Research Agreement: See 37 CFR 1.71(g).
- (e) Incorporation-By-Reference Of Material Submitted On a Compact Disc: The specification is required to include an incorporation-by-reference of electronic documents that are to become part of the permanent United States Patent and Trademark Office records in the file of a patent application. See 37 CFR 1.52(e) and MPEP § 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text were permitted as electronic documents on compact discs beginning on September 8, 2000.

Or alternatively, Reference to a "Microfiche Appendix": See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.

- (f) Background of the Invention: See MPEP § 608.01(c). The specification should set forth the Background of the Invention in two parts:
  - (1) Field of the Invention: A statement of the field of art to which the invention pertains. This statement may include a paraphrasing of the applicable U.S. patent classification definitions of the subject matter of the claimed invention. This item may also be titled "Technical Field."
  - (2) Description of the Related Art including information disclosed under 37 CFR 1.97 and 37 CFR 1.98: A description of the related

art known to the applicant and including, if applicable, references to specific related art and problems involved in the prior art which are solved by the applicant's invention. This item may also be titled "Background Art."

- (g) Brief Summary of the Invention: See MPEP § 608.01(d). A brief summary or general statement of the invention as set forth in 37 CFR 1.73. The summary is separate and distinct from the abstract and is directed toward the invention rather than the disclosure as a whole. The summary may point out the advantages of the invention or how it solves problems previously existent in the prior art (and preferably indicated in the Background of the Invention). In chemical cases it should point out in general terms the utility of the invention. If possible, the nature and gist of the invention or the inventive concept should be set forth. Objects of the invention should be treated briefly and only to the extent that they contribute to an understanding of the invention.
- (h) Brief Description of the Several Views of the Drawing(s): See MPEP § 608.01(f). A reference to and brief description of the drawing(s) as set forth in 37 CFR 1.74.
- (i) Detailed Description of the Invention: See MPEP § 608.01(g). A description of the preferred embodiment(s) of the invention as required in 37 CFR 1.71. The description should be as short and specific as is necessary to describe the invention adequately and accurately. Where elements or groups of elements, compounds, and processes, which are conventional and generally widely known in the field of the invention described and their exact nature or type is not necessary for an understanding and use of the invention by a person skilled in the art, they should not be described in detail. However, where particularly complicated subject matter is involved or where the elements, compounds, or processes may not be commonly or widely known in the field, the specification should refer to another patent or readily available publication which adequately describes the subject matter.
- (j) Claim or Claims: See 37 CFR 1.75 and MPEP § 608.01(m). The claim or claims must commence on separate sheet or electronic page (37 CFR 1.52(b)(3)). Where a claim sets forth a plurality of elements or steps, each element or step of the claim should be separated by a line indentation. There may be plural indentations to further segregate subcombinations or related steps. See 37 CFR 1.75 and MPEP § 608.01(i)-(p).
- (k) Abstract of the Disclosure: See MPEP § 608.01(f). A brief narrative of the disclosure as a whole in a single paragraph of 150 words or less commencing on a separate sheet following the claims. In an international application which has entered the national stage (37 CFR 1.491(b)), the

applicant need not submit an abstract commencing on a separate sheet if an abstract was published with the international application under PCT Article 21. The abstract that appears on the cover page of the pamphlet published by the International Bureau (IB) of the World Intellectual Property Organization (WIPO) is the abstract that will be used by the USPTO. See MPEP § 1893.03(e).

- (l) Sequence Listing. See 37 CFR 1.821-1.825 and MPEP §§ 2421-2431. The requirement for a sequence listing applies to all sequences disclosed in a given application, whether the sequences are claimed or not. See MPEP § 2421.02.
8. The disclosure is objected to because of the following informalities: The specification lacks a Brief Description of the Drawings. The applicants are reminded that the amendment submitted after final rejection on 28 March 2000 comprising a Brief Description of the Drawings section has not been entered.

Appropriate correction is required.

9. A substitute specification excluding the claims is required pursuant to 37 CFR 1.125(a) because all amendments made to the specification during the prosecution history are not recorded in the application file.

A substitute specification must not contain new matter. The substitute specification must be submitted with markings showing all the changes relative to the immediate prior version of the specification of record. The text of any added subject matter must be shown by underlining the added text. The text of any deleted matter must be shown by strike-through except that double brackets placed before and after the deleted characters may be used to show deletion of five or fewer consecutive characters. The text of any deleted subject matter must be shown by being placed within double brackets if strike-through cannot be easily perceived. An accompanying clean version (without markings) and a statement that the substitute specification contains no new

matter must also be supplied. Numbering the paragraphs of the specification of record is not considered a change that must be shown.

***Conclusion***

10. Applicant is required to make the necessary corrections within a shortened statutory period set to expire ONE MONTH or THIRTY DAYS, whichever is longer, from the mailing date of this letter. Extensions of time may be granted under 37 CFR 1.136.
11. Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete service center supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public.

For all other customer support, please call the USPTO Call Center at (800) 786-9199. Any inquiry concerning this communication or earlier communications from

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the examiner should be directed to John S. Brusca whose telephone number is 571 272-0714. The examiner can normally be reached on M-F 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ardin Marschel, PhD. can be reached on 571 272-0718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*jsb 23 January 2006*  
John S. Brusca  
Primary Examiner  
Art Unit 1631

jsb